

Abstract

Based on the study of technical and regime solutions aimed at reducing the negative impact of CHP-2 of JSC «AIES» on the environment of Almaty and taking into account the financial capabilities of JSC «AIES», it is proposed to turn the operation of CHP-2 into a purely heating mode. At the same time, the reliability of power supply will be provided by both energy sources of JSC «AIES» and electricity coming from Ekibastuz GRESEs. The proposed mode of operation will reduce the environmental burden on Almaty, improve the efficiency of CHP-2, increase the service life of equipment, and will not require significant capital expenditures